

BRC_No 01656

Strain name Eag2-hCrePR mouse

Primer	primer_name	primer_seq	length
1	Eag d1	TCAGCACCATCTCCACTACC	20
2	Eag u2	TCTCCTTACCACTGGAGCGCCTGAC	25
3	hCre u2	GGCTTGCAGGTACAGGAGGTAGTCC	25

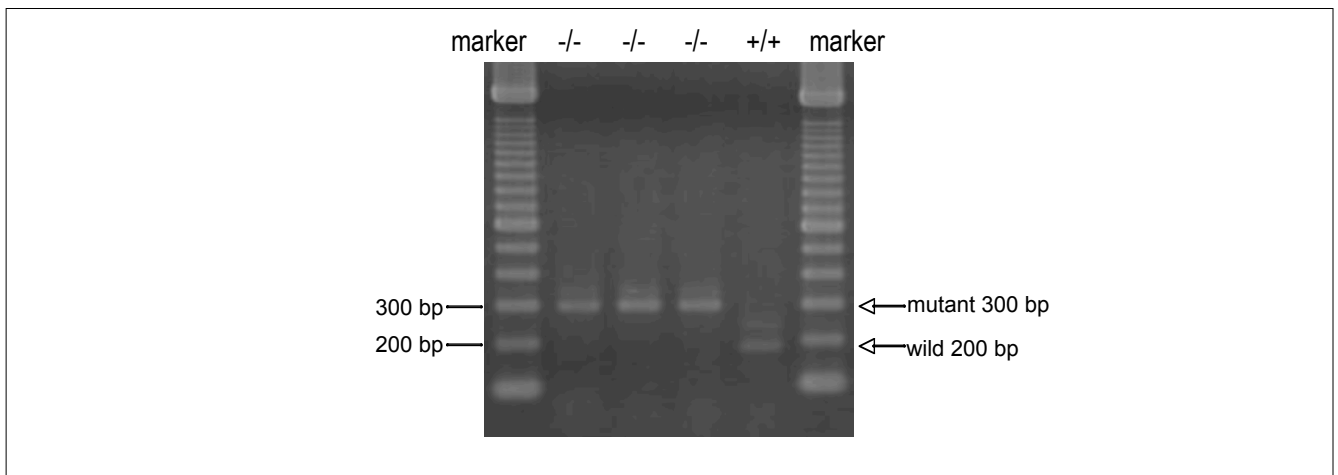
Reaction Components

Enzyme Roche Taq (Cat. No. BM1418432)

Reaction Conditions

	Conc	Run 1	Run 2	Run 3
H2O		16.3		
PCR buffer	10 X	2.5		
dNTP	2.5 mM	2.0		
primer 1	10 pmol/ μ l	1.0		
primer 2	10 pmol/ μ l	1.0		
primer 3	10 pmol/ μ l	1.0		
DNA		1.0		
Taq		0.2		
total		25		

step	temp (°C)	time (sec)	note
1	94	180	
2	94	30*	
3	58	30*	
4	72	60*	*Repeat for 35 cycles
5	72	300	



Marker

100 bp ladder (Invitrogen, Cat. 15628-050)

Gel

2% agarose in 1 X TAE (100 V, 40 min)

PCR products

primer_set	product_size	product
primer 1 / primer 2	200 bp	wild
primer 1 / primer 3	300 bp	mutant

Comment